

International Telecommunication Union

A DECIMANT AND

# How modify existing RES49 information

(step by step exercise)

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www.itu.int/go/ITU-R/WRS-14







#### • Step 1 – Open SAM and run SpaceCapture V7





 Step 2 – Select and open the relevant database (SRS2783 / SPS\_ALL\_IFIC2783 / 30B\_2783)





 Step 2 (cont.) – Select and open the relevant database (SRS2783 / SPS\_ALL\_IFIC2783 / 30B\_2783)

SpaceCapture V7 - [Set Notice Template]		
File Edit Tools Template Window	Help	
		RAST CL PLAN CL RS49/552
SpaceCap Start Page - AP4/II Start Page Transaction Id:	and AP4/III	
Notice Explorer		← ← Search AP30B
Open Notice	Organize ▼ New folder BR_Soft Databases AP30_30A TEX_Results GIMS_Data IFIC_Archive IFIC_Data	B
	SpaceCom SRS_Data File name:	Access mdb Cancel

**Note:** In this exercise the modification of the existing RES49 information for the satellite network subject of Appendix 30B (FSS Plan) is considered as example.

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#### Step 3 – Move into the relevant template (CR/NOTIF (PLAN))

📓 SpaceCapture V7 - [Set Notice Template]					
File Edit Tools	s Template Window Help				
SpaceCap	Start Page - Please select the type of plan from the list	2			
Start Page	Transaction Id:				
6					
Notice Explorer					
Open Notice					
New Nation	Plan / List / Pending Plan / List Notification Space Operation Functions				
New Notice	PLANID Description Notice Count				
	00DN WRC-00 BSS Down-link Plan & List for Regions 1 & 3 (Appendix 30) 0				
Search	Plan 30.2 RARC BC SAT83 Plan for Region 2 (Appendices 30 & 30A)				
	A30B WRC07 FSS Plan 6/4 AND 13/10-11 GHz Band (Appendix 30B) 571				
	✓ Plan/List/Pending notices (Status above 01) read-only mode				



• Step 4 – Select a satellite network subject of RES49 modification and run RES49 Builder

📓 SpaceCapture V7 - [Set Notice Template]				
File Fait Ad	Template Window Help			
	Repair Database	👔 📰 🔄 CR/NOTIF 😋 API 😋 RAST 😋 PLAN 😋 RS49/55	52	
	Compact Database			
SpaceC	Copy Database	Dien 6/4 AND 12/10 11 CHe Dand (Annendig 20D)	45	
- opucce	Delete Database	Flan 0/4 AND 15/10-11 GHZ band (Appendix 50B)	ع ا	
1 4		Pos. Station name Date rcv. Status 👀		
Start Par	Cost Recovery Analysis (Dec 482 C2008)	3W TOMSAT-63W-B 11.03.2013 Count=571 Control Box		
otait i oj	a . a .	5.45E IRAOSAT1-30B 01.10.2013 24		
- og	Cost Recovery Capture	1.8W IRL00000 16.03.1990 50		
	AP30B WRC07 Reformat	4.19E IRN00000 16.03.1990 50 33 Clone		
Notice Exp	Posubraiccion Wizard	4E IRN-30B-34E 08.07.2012 24		
	A A Domining 1	5.45E IRQ00000 16.03.1990 50 🔊 Export		
		5.2W ISL00000 16.03.1990 50		
	112559012[A] G CHN/	13.5E ITS-30B-13.5 03.04.2012 24 🛛 💥 Delete		
Upen Notice	-090558113 G J /	152.5E J 00000 16.03.1990 50		
	-090558114 G USA/	159W JAR00000 16.03.1990 50 SM To SNS		
	-090558115 G JMC/	108.6W JMC00000 16.03.1990 50		
	-090558116 G USA/	159W JON00000 16.03.1990 50		
New Notice	-090558117 G JOR/	81.76E JOR00000 16.03.1990 50		
	-104558002[A] G KAZ/	58.5E KAZ00000 07.07.2004 50		
	110559035[A] G KAZ/	58.5E KAZSAT-30B-58.5E 27.12.2010 24 SpaceVal		
	-090558118 G KEN/	78.2E KEN00000 16.03.1990 50		
Search	-090558119 G F /	113E KER00000 16.03.1990 50 🗌 👩 Esub		
	-097558001[A] G KGZ/	64.6E KGZ00000 05.11.1997 50		
	-090558120 G KIR/	150E KIR00000 16.03.1990 50	Option 2	
	-090558177 G KNA/	88.8W KNA00000 16.03.1990 50	Option 2	
	-090558121 G KOR/	116.2E KOR00000 16.03.1990 50		

Note: There are 2 options how to run the RES 49 Builder: Option 1 (via menu) / Option 2 (via Control Box Button).



#### Step 5 – Create a new RES49 information for the subject satellite network



**Note:** The new RES49.mdb file will be located at C:\br\_soft\data\ folder but this location may be modified following user's request (through the "Change").



 Step 5 (cont.) – Create a new RES49 information for the subject satellite network



Note: At this stage it is impossible to modify the Commercial Satellite Name!!! It should be done later (see Step 7).



#### • Step 6 – Move into the RS49/552 template

📱 SpaceCapture V7 - [Set Notice Template]	
File Edit Tools Template Window Help	
SpaceCap Start Page - Please select the type of plan from the list	SpaceCapture V7 - [Set Notice Template]  X     File Edit Tools Template Window Help  X     Dom M A < (())   M B P P B P P B C, CR/NOTE C, API C, RAST C, PLAN C, RS49/552     SpaceCap   Natice Emplorer - RS49/RS552 Dne Dilicence
Move to the " <b>RS49/552</b> " Template to continue.	Star Page Welce id. Type Adm/Org. Otb. Pos. Network name Date rov. Status   Star Page Star to f. notices Counted Counted 66°C   Notice Explorer Willist of notices 66°C   Open Notice Status Status Status
spacecapture v7 - jset Nouce rempiate)	
Image: SpaceCap   Start Page - RS49/RS552 Due Diligence	New Noice
Star Page Transaction Id end run the Notice Explorer Notice Explorer	Now the RES49 information is ready for modification.



#### • Step 7 – Edit a new RES49 information as appropriate



Note: At this stage you may modify the Commercial Satellite Name, if you wish.



#### • Step 7 (cont.) – Edit a new RES49 information as appropriate



- 1. Select the frequency bands which should be resubmitted. To select more than one band please use "Ctrl".
- 2. Click the left button of your mouse.
- 3. Click on Copy Paste Row

	Click "Yes"	spacecap		
1.		Copy selected rows of Frequencies to the Clipboard?		
		Yes No		

- 5. Delete "Submitted" as "Act Code" in the duplicated rows starting from the **bottom** of the list.
- 6. Switch to "Remarks" and return back to "Group".
- 7. Select and delete one by one the rows still marked as "Submitted".
- 8. Print 🎒 Notice to check.



#### • **Step 8** – Check and send to BR the new RES49 information

E TSUM Requested b	y. KLYOCHAR	Date 19.11.2	014 17:18:4	44 DB	R\$49_110\$5903\$_K32\$A1+3+ Plan ld.	Notice type: GBO
M < A1a Sat. Netw	/ork KAZSAT	-30B-58.5E	A1f1 Notifyi	ngadm. KAZ	A1f3 Inter. sat. org. BR1 Date of receipt 19.11.2014	
br:6a/BR6b Id.no.	1	114581004 BF	6c LinkedId.r	10 110559035	BR3a Provision reference RS49 BR2 Adm. s	serial no.
44a1 Orbital long.	58.5 E				These references have been created by S	SpaceCapture.
BR41 Commercial nar	me K	AZ SAT-3				
BR30 Spacecraft man	ufacturer I	SS				
BR31 Date of execution	on of the contr	act 01.06.2014	BR32	Contractual deliv	very window From: 20.03.2014 To: 28.04.2014 BR33 No	umber of satellites procured 1
BR34 Launch vehicle	provider K	HRUNICHEV SPACE C	EN	E	3R35 Launch vehicle PROTON M	
BR36 Date of execution	on of the contr	act 28.04.2014	BR37	Anticipated laun	ch or delivery window From: 26.04.2014 To: 10.05.2014	
BR38 Launch facility	BAIKONUR		BR39 C	ountry/location	KAZ BR40 Geographical coordinates 063E15 36	45N37 48
	C1 Freque	ency Range		BR1		
C1a Lower I	limit	C1b Uppe	r limit	Date of receipt	BR1 "Date of receipt" <b>shall be blank</b> l If no	at you did something
10700	MHz	10950	MHz			ot, you did something
11200	MHz	11450	MHz		wrong at the <b>Step 7</b> .	
12/50	FIRZ	13250	FIRZ	╨┖━━━┻┘		
BR22 Administration r	emarks	Here	VOU MAY AV	lane the reas	on of re-submission the DFS49 info	

If everything OK the new RES49 information is ready to be sent to the Bureau.





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Thank you...

#### Any questions?



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